

ABSTRACT OF DISCLOSURE

A portable telephone apparatus that achieves international roaming inexpensively by performing roaming
5 between mobile telephone systems that use different communication protocols. In detail, if the present apparatus, in an initialization state, receives a sync channel message generated from a base station, the portable telephone apparatus reads a P_REV message which
10 shows the communication protocol used in the mobile phone system. When the communication protocol is T53, the portable telephone apparatus performs a plurality of procedures from an idle state through to a traffic channel state in a standard manner, but when the communication
15 protocol is IS-95, the portable telephone apparatus controls wireless communication by replacing one procedure of the plurality of procedures performed from the idle state through to the traffic channel state with another procedure.